



## 7.1.5 Green campus initiatives

Aditya College of Engineering is committed to follow the Green Campus initiatives as a College policy. It protects its own environment with its green campus initiative and keeps pollution free campus.

The institute also committed to maintain the campus to be green, healthy and eco-friendly is determined to adopt the following initiatives to which everyone has to adhere.

- Restricted entry of automobiles
- Battery-powered vehicles
- Pedestrian-friendly pathways
- Ban on the use of plastics
- Landscaping with trees and plants

### **Restricted entry of automobiles:**

The institute has decided to restriction on entry of vehicles in the campus. The parking of vehicles at designated places at the main gate of the institute and no vehicle should be parked other than designated place. However, the administration maintained the practice in a bid to make the campus a vehicle free zone. The authoritative decided to operate bicycles and battery powered vehicles within the campus which will be ferrying staff and visitors to respective destinations.

### **Battery-powered vehicles:**

The institute focuses on green practice throughout the campus. Aditya College of Engineering is located in a pollution free environment in the nature's lap which is far away from the urban and industrial area. Students and staff members are encouraged to use bicycles for the commuting to the college, for this college provide bicycle parking facility on the campus. In the campus, 4 battery Powered vehicles are used as a mode of transport to provide eco-friendly environment. For Disabled students, separate battery operated vehicles and human assistance is given.

### **Pedestrian-friendly pathways:**

The institution gives top priority to green and clean environment and black top roads are laid in the entire campus which can be used in all seasons. Students and staff members also attend the college by pedestrian-friendly roads. Tactile paths also provide for disabled persons.

### **Ban on the use of Plastics:**

Plastic Free Campus: Student volunteers of NSS conducted clean and green program in the college campus in order to generate awareness about green and peaceful earth. The college restricts the usage of plastic bags in the campus. Special awareness programs were organized on

plastic free environment in and around the campus. Sufficient dustbins are placed in the appropriate places and Swachh Bharath slogans are also displayed. Sign boards/Posters are provided for minimizing the usage of plastic. Drinking water purifiers are provided on campus and in each Floor to reduce the use of plastic bottles. Using of plastic bags is minimized in campus stores and canteens and encouraged to use disposable eco-friendly paper plates and cups. College adopted the 3 R's Reduce/Reuse/Recycle.

### **Landscaping with trees and plants**

Aditya College is decorated with beautiful landscaping and lush green environment. There are number of trees on the campus which are taken care by the institution that make the environment carbon dioxide free. The college has formed a club named "ECO CLUB" in which both the students as well as staff can become the members. Through this club the college frequently conducts environmental awareness programs to make the college campus Eco-friendly.

<b>Restricted entry of automobiles</b>	<b>Battery-powered vehicles</b>	<b>Pedestrian-friendly pathways</b>	<b>Ban on the use of plastics</b>	<b>Landscaping with trees and plants</b>
<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

<b>S.No</b>	<b>Proof of Documents</b>
1	Policy document for Green initiatives
2	Restricted entry of automobiles
3	Battery-powered vehicles
4	Pedestrian-friendly pathways
5	Ban on the use of plastics
6	Landscaping with trees and plants



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Date: 14-06-2018

## Policy Document on Green Campus Initiatives

A Green Campus is one that carries out these functions according to a system-wide culture of environmental sustainability, balancing function and design with existing and foreseen resources. The Green Campus institution is a laboratory of self scrutiny, experimentation, and application. At its best, it is a model environmental community where operational functions, business practices, academic programs, and people are interlinked, providing educational and practical value to the institution, the region, and the world.

Greening the campus is about sweeping away wasteful inefficiencies and ushering in positive changes. Many of these changes address the daily, practical aspects of campus life—correct disposal, handling, and storage of cleaning chemicals, purchase of environmentally friendly supplies, effective recycling programs. Changes don't have to happen all at once. They can be approached through a manageable, step-wise process in which changes are built into the institutional planning and budgeting processes, with an eye toward continually improving the campus and implementing responsible recommendations.

Greening initiatives are challenging and require determination and a long-term commitment on the part of the entire campus community. These efforts, however, can yield significant paybacks. Such paybacks include:

**Environmental and economic sustainability.** A system-wide culture of sustainability helps preserve and enhance what you value as an institution today, as well as for the future.

**Economic benefits.** A routine, curriculum-based, environmental audit program that reveals waste and inefficiency associated with campus activities, coupled with the identification of environmentally friendly alternatives, can yield significant cost savings for institution.

**“Real-life”** work experience for your students. Environmental audits and pollution prevention evaluations can be integrated into the curriculum, providing students with hands-on investigative and problem-solving experience that they can take with them when they enter the workforce.

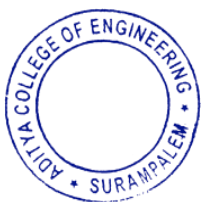
A Green Campus is a cleaner, safer, and healthier place to live and work.

**“Environmental studies”** is one of the subject introduces in the curriculum that encourages students to take the lead in creating positive change and, at the same time, to gain invaluable, marketable skills. Students can particularly those who hope to work in the environmental field, are the key ingredient for a successful program. Students can team up with faculty and experienced personnel from government agencies, utilities, and private industry to conduct environmental evaluations of the campus.

The following areas of concern factor into Green campus activities:

- Solar energy Initiatives @ 300 KVA capacities.
- Unique solar water heating system for hostels.
- Waste water management/Rain water harvesting.
- Green Transportation by providing battery operated vehicles.
- Energy conservation by using more LED bulbs than other.
- Waste management.
- E waste management.
- Plastic free campus.
- Sustainable landscaping.
- E-Governance.
- Pollution prevention.
- Hazardous materials management/purchasing/handling/disposal.
- Environmental management systems.

Aditya College of Engineering is committed to follow the Green Campus initiatives as a College policy. It protects its own environment with its green campus initiative and keeps pollution free campus. Environment development is its basic work with the educational policies implemented on the campus. Environmental conscious administration, the management and the students of the college look after the environment carefully. The core of the initiative is a strategic plan to be used as a reference for staff, faculty and students. The plan identifies aspects of management where resources are not environmentally and economically efficient. In such areas community members will work to implement more sustainable alternatives. The Campus Environmental Initiative aims to teach all community members about local and low-impact living and operating and to develop a showcase of sustainability. The success of the Initiatives will be evaluated periodically through environmental audits that evaluate its progress in achieving.



A green handwritten signature, appearing to be 'M. S.', written in a cursive style.

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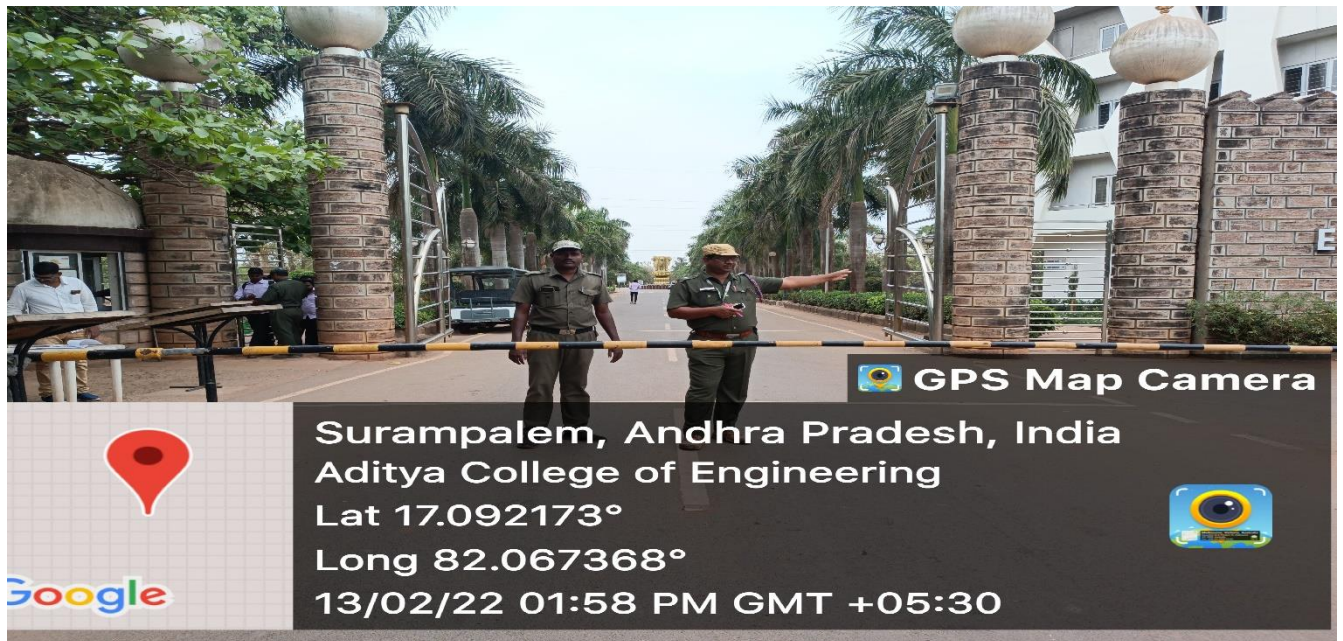
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## Restricted Entry of Automobiles:

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Main Gate Entrance



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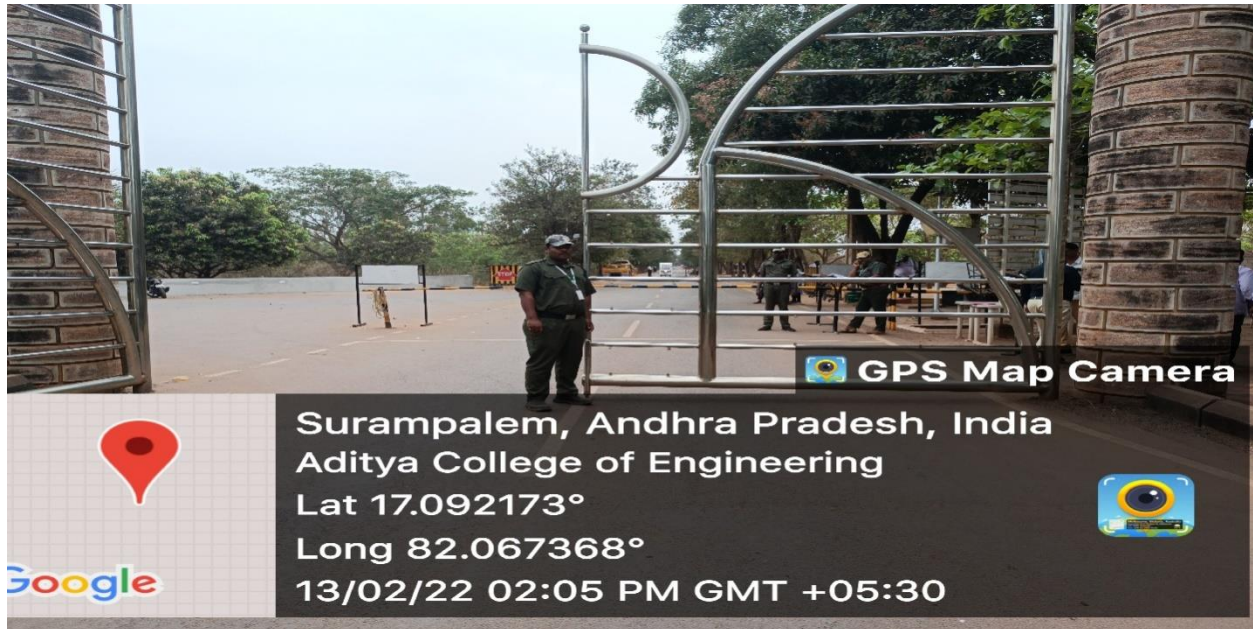
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Main Gate Exit



Parking Area- Two wheeler & Four Wheeler



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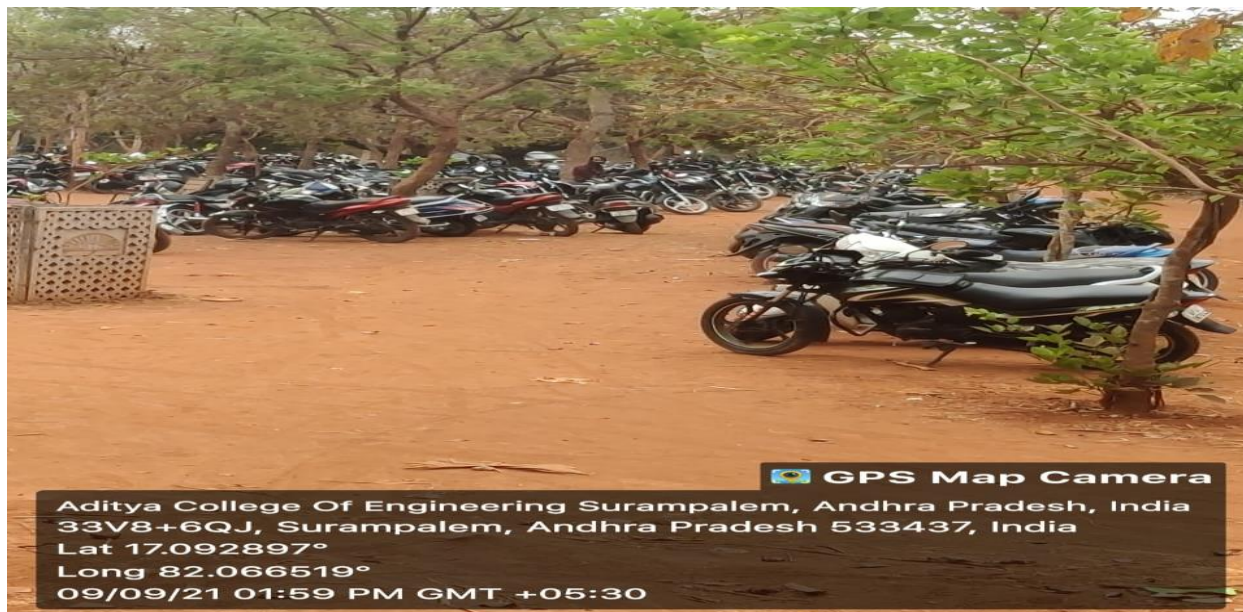


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Parking Area- Two wheeler & Four Wheeler

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## Battery Powered Vehicles in Campus:

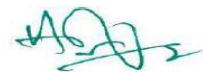


Battery Powered Vehicles



Charging Points for Battery Powered Vehicles





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## Use of Bicycles



## Bicycles for Security guards



## Students Using Bicycles in Campus



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## Bills

**TECHNO INSTRUMENTS & CONTROLS**  
Office: H.No.1-4, Brindavan Colony, Malkajgiri, Hyderabad - 500 047  
e-mail: techno\_instruments@yahoo.com, Mob: 98496 97653, 94416 51503.

**MANDATE PROFORMA**

I Polukonda Krishna Bhaskara Rao S/o Dharmajah, Proprietor of TECHNO INSTRUMENTS & CONTROLS is willing to receive E- Payments and also undertake that till a change is required, the payments shall continue to be made in that account.

The details of the Account as follows

1. Name of the Bank	: Corporation Bank, Malkajgiri, Hyderabad.
2. Type of Account	: Current Account.
3. Account No	: 088700201000030.
4. RTGS / IFS Code	: CORP 0000887.
5. NEFT CODE	: CORP 0000887.
6. MICR Code	: 500017023.
7. PAN	: AYWPP2329N
8. Service Tax No	: AYWPP2329N5D001.

For Techno Instruments & Controls  
  
Authorised Signatory

Signature of the Account Holder

For CORPORATION BANK  
  
Branch Manager  
Malkajgiri, Hyderabad-500 047.  
MALKAJGIRI, HYDERABAD-47.

Signature of the Bank manager

For TECHNO INSTRUMENTS & CONTROLS  
  
Proprietor

Mfgs : Servo Stabilizers, UPS Systems, Inverters, Batteries,  
Battery chargers & Custom Built Equipments





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## PROFORMA INVOICE

Prepared By:

Tony SU

Foshan Shunde Green Motor Technology Co., Ltd.

13724932313

Prepared For:

Company name: Sarojini Education Society

Contact person: Prof. M. SREENIVASA REDDY

phone: 08852-252243, 9949876662, 9989776661

Address: ADITYA COLLEGE OF Engg.

Aditya Nagar, ADB Road,

Surampalem, Pin: 533437,

East-Godavari District, Andhra Pradesh, INDIA.

Date:	12-Sep-21
Quotation No:	160912T3
Revision:	A
Currency:	USD
Exchange Rate:	

Payment Terms:	100% payment
Country:	INDIA
Freight Terms:	CIF
Shipped Via:	SEA
Lead Time:	15 days

MODEL & Description of goods	Quantity	Unit Price	Amount	Remarks
Motor 5kw 72v	1	380	380	match with 14 seats sight seeing bus
Controller assembly 5kw 72v	1	530	530	
Rear axle	1	390	390	
DC-DC 72v-12v 300w	1	55	55	
165/70R 13 79S wheels	4	115	460	
front rear axle	1	300	300	
steering system	1	90	90	
transport costs			250	
<b>Total :</b>			<b>2455</b>	

Beneficiary Name	GREEN MOTOR TECH (HK) LTD.
Beneficiary A/C	1 014 64352 2007
Bank	PING AN BANK CO., LTD.
Bank Address	1 /F, NO 5047 ROAD SHENNAN DONG, SHENZHEN P.R.CHINA
Bank Address	1 /F, NO 5047 ROAD SHENNAN DONG, SHENZHEN P.R.CHINA
SWIFT	SZDBCNBS

Foshan Shunde Green Motor Technology Co., Ltd.



Company Chop and Authorized Signature

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## Pedestrian Friendly Path Ways

The institute gives top priority to green and clean environment and black top roads are laid in the entrance campus which can be used in all seasons. Students and staff members also attend the college by pedestrian-friendly roads. Tactile paths also provide for disabled persons.

## Pedestrian Friendly Path Ways



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## Friendly Pathway



 **GPS Map Camera**

Aditya College Of Engineering Surampalem, Andhra Pradesh, India  
33V8+6QJ, Surampalem, Andhra Pradesh 533437, India

Lat 17.092897°

Long 82.066519°

09/09/21 04:12 PM GMT +05:30

Friendly Pathway at RamanujanBhavan Entrance



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## Ban on Use Of plastic

Plastic free campus: Student volunteers of NSS conducted clean and green program in the college campus in order to generate awareness about green and peaceful earth. The college restricts the usage of plastic bags in the campus. Special awareness programs were organized on plastic free environment in and around the campus. Sufficient dustbins are placed in the appropriate places and Swatch Bharath slogans are also displayed. Sign boards/Posters are provided for minimizing the usage of plastic. Drinking water purifiers are provided on campus and in each Floor to reduce the use of plastic bottles. Using of plastic bags is minimized in campus stores and canteens and encouraged to use disposable eco- friendly paper plates and cups College adopted the 3 R's Reduce/Reuse/Recycle.

### **Ban on Use Of plastic:**



Say No to Plastic Campaign at College Canteen



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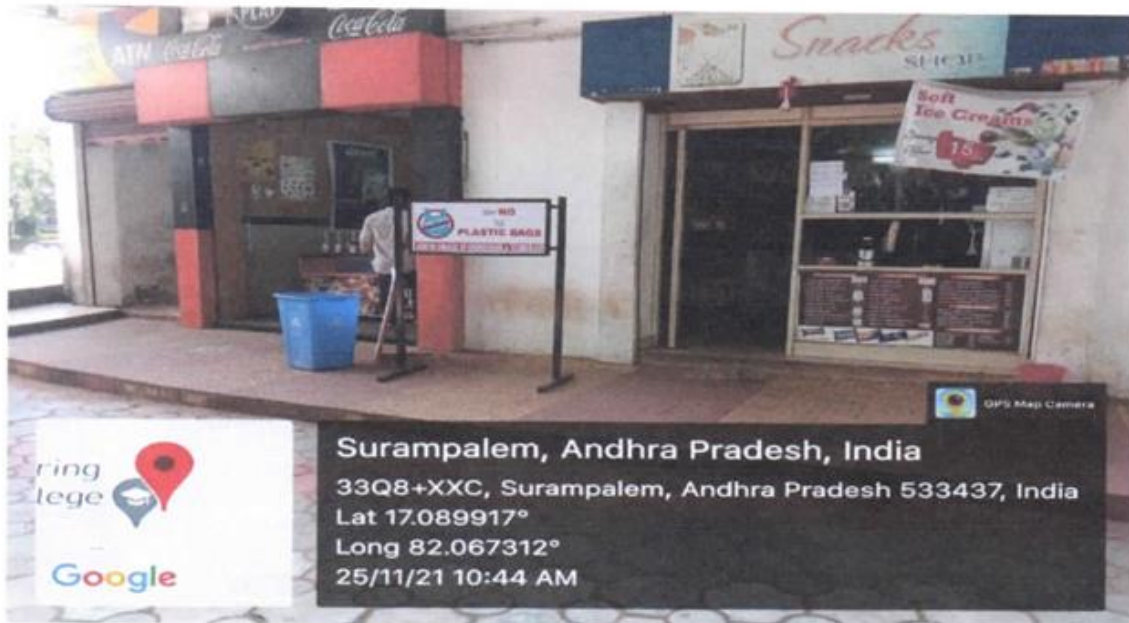
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Say No to Plastic Campaign at College Canteen



Say No to Plastic Campaign at College Canteen





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Ban on using plastic Distribution of Pamphlets in Canteen Areas

## DISPLAY BOARDS



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## Landscaping With Trees and Plants



RamanujanBhavan inside view



RamanujanBhavan Outside view



*ASJ*

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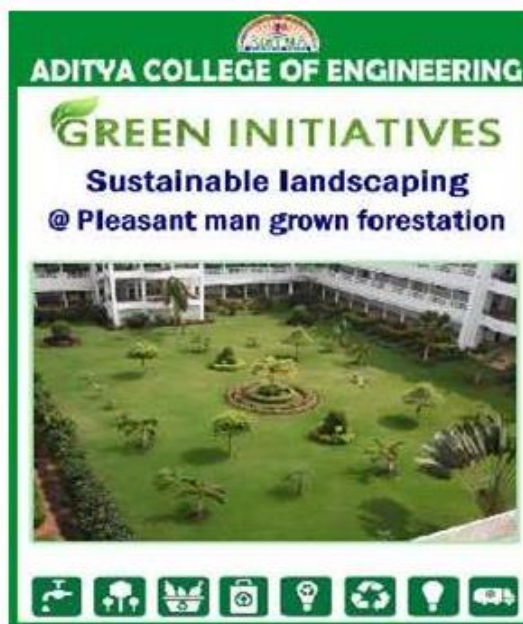


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## Display boards



## Analysis

**Below stated analysis is based on the plantation available in the campus:**

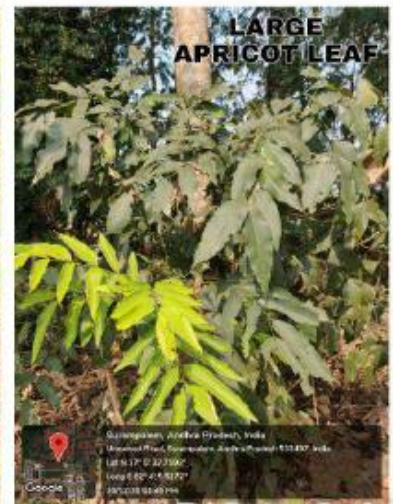
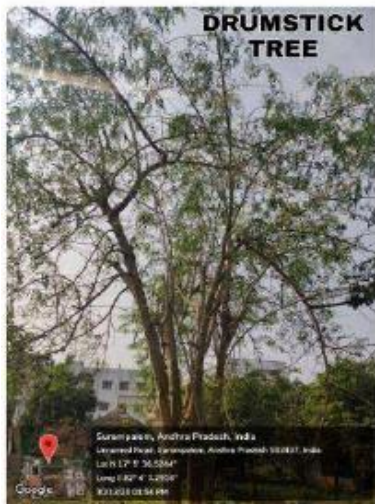
- Totally 25 crotans plants, 19 flower plants, and 49 herbal plants are there in campus.
- ACoE campus has Herbal Garden on 1000 square meter area. The garden has different sections in which specific types of plants are planted with respect to their medicinal importance and Vedic reference. Boards are displayed for each section and plants names. Sprinkler system is provided in herbal garden.
- Large trees and potted plants were seen in the campus. Plantation improves aesthetics and helps as buffer in reducing noise level, maintaining temperatures of the area. As informed by the garden supervisor, around 80 trees are present in the campus.
- Garden is managed by gardener. Organic fertilizers and pesticides are used for plants if necessary.



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**OFFICE OF THE COMMISSIONER OF CUSTOMS**  
 #60, Rajaji Salai, Chennai - 600 001. Phone : 2522 1918.  
 (Treasury Rule 92) TR 6 CHALLANNO.  
 DUPLIC#TE

Challan of amount paid into the  
 State Bank of India,  
 Customs House Branch, Chennai.

1115

Name and address of the Assessee :

ADITYA ACADEMY  
 ADITYA CH  
 14/10/16

CHA. Jeeva & Company  
 9841725038

Full particulars of the remittance and of authority if any	Head of Account Major Head 037 CUSTOMS	Amount Tendered		Counter Signature of the officer
		By Cash Rti. P.	By DD/BPO Rs. P.	
Payments of Custom against Bill of Entry (in Rs. )	DUMMY IEC		2000/-	DD No. 023063 Date 04/01/2017 Bank AVISBANK Branch ... N ... C
Duty:				
INTEREST :				
TOTAL	TOTAL		2000/-	

Rupees ( in Words )  
 Date : 04/01/17

*Jeeva*

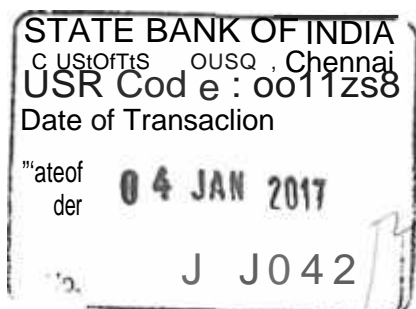
Signature of Tenderer  
 (To be fitted by the Bank)

Received payments (in words):  
 Date :

Signature of the Officer  
 Bank Receipt Stamp

CASH/TRANSFER/CLEARING

MC / OTH	
MC / SC	
MG / MOT	
MC / BTOD	
n. c.	
B. C	
MISC	
ADD	



*[Signature]*  
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